

### ABSTRACT

An electric machine has a rotor that is rotatable about an axis of rotation, and an especially superconducting winding which is to be cooled to a low temperature. The winding is enveloped by a securing means with a wrap. The outer contour of the wrap of the securing means increases from a smaller outside diameter to a greater outside diameter in the axial direction. The wrap is surrounded in a force-fitting manner by several securing rings which are arranged one behind another and have an inside diameter which conforms to the respective outside diameter of the outer contour.